

Human CXCL13 Protein, His tag (Animal-Free)

Cat #: PRP1106

Size: 5 µg/20 µg/100 µg/1 mg

Product Information

	Product Name: CXCL13 Protein, His tag (Animal-Free)		
REF	Catalog Number: PRP1106	LOT	Lot Number: Refer to product label
	Purity: > 98 % as determined by SDS-PAGE		
	Storage: Store at -20°C		Preparation method: E.coli
	Shipping: The product is shipped at ambient temperature.		

Background: CXCL13, also known as BCA-1 (B Cell-Attracting chemokine 1) or BLC, is a recently identified new CXC chemokines. This chemokine is expressed in the stomach, spleen, liver, appendix and lymph nodes. CXCL13 can only elicit its activities through CXCR5 receptor. BCA-1/BLC is a potent chemoattractant for B lymphocytes, and induces weak chemotactic response in T cells and macrophages. It should be noticed that CXCL13 shows no activity on neutrophils and monocytes.

Sequence: Amino acid sequence derived from Human CXCL13 (Val23-Arg94) (O43927) was expressed with 6×His tag at the N-terminus.

Protein length: The recombinant Human CXCL13 consists of 72 amino acids and predicts a molecular mass of 9.49 kDa.

Biological Activity: Measured by its ability to chemoattract BaF3 cells transfected with human CXCR5. The ED₅₀ for this effect is <20 ng/mL.

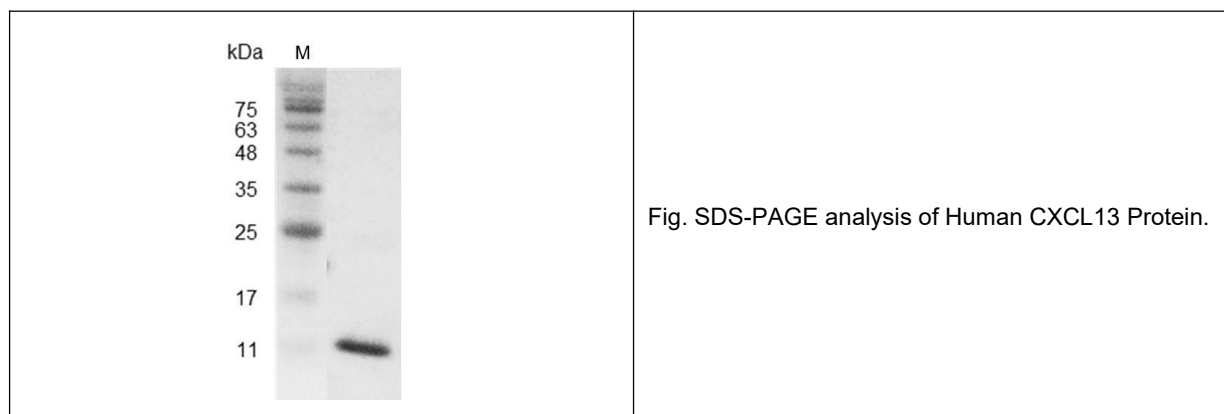
Endotoxin: <0.1 EU per 1 µg of the protein by the LAL method.

Formulation: Lyophilized from PBS, pH7.4.

Storage Instructions: Lyophilized protein product should be stored desiccated below -18°C. Upon reconstitution, the protein should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (5% HSA, 10%FBS or 0.1%BSA). Please prevent freeze-thaw cycles.

Usage notes: Always centrifuge tubes before opening. It is recommended to reconstitute the lyophilized recombinant protein to a concentration of 0.1-1 mg/mL using the buffer we provided, and keep at room temperature for at least 20 min to fully

dissolve. Please avoid vortex vigorously.



Note: The product listed herein is for research use only and is not intended for use in human or clinical diagnosis. Suggested applications of our products are not recommendations to use our products in violation of any patent or as a license. We cannot be responsible for patent infringements or other violations that may occur with the use of this product.